





UNITED STATES PATENT AND TRADEMARK OFFICE:

COMMISSIONER FOR PATENTS UNITED STATES PATENT AND TRADEMARK OFFICE WASHINGTON, D.C. 2023I www.uspto.gov

Bib Data Sheet

CONFIRMATION NO. 3992

SERIAL NUMBER 09/885,375	FILING DATE 06/19/2001 RULE	CLASS 375		GROUP ART UNIT 2631			ATTORNEY DOCKET NO. 34650-00593	
** CONTINUING DA	Noc	() () ()						
Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged Acknowledged Pyes Allowance Allowance Framiner's Signature Initials			ATE OR UNTRY VEDEN	SHEETS DRAWING 5		TOTAL CLAIMS 15		INDEPENDENT CLAIMS 4
ADDRESS 23932	,							
TITLE Efficient channel es	timation in a digital comm	unications sys	item					
RECEIVED No	S: Authority has been given in Paperto charge/credit DEPOSIT ACCOUNTfor following:			42 4 9	All Fees 1.16 Fees (Filing) 1.17 Fees (Processing Ext. of time) 1.18 Fees (Issue) Other Credit			